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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Joseph A. Langford Confirmation No.: TBD  
Serial No.: 10/715,182 Art Unit: TBD  
Filed: November 17, 2003 Examiner: TBD  
For: METHOD AND APPARATUS Attorney Docket No.: 10471-007-999  
FOR DETECTING ELECTRICAL  
FAULTS AND ISOLATING  
POWER SOURCE FROM THE  
ELECTRICAL FAULTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

It is noted that because the subject application was filed after June 30, 2003, the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication is waived.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a.  A list of all patents, publications, applications, or other information submitted for consideration by the office.
  - 1b. A legible copy of :
    - Each U.S. patent application publication and U.S. patent;
    - Each foreign patent,
    - Each publication or that portion which caused it to be listed on the PTO-1449;
    - For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
    - all other information or portion which caused it to be listed on the PTO-1449.
  - 1c.  An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.

- 1d.  Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.
2.  This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):  
 Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);  
 Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;  
 Before the mailing of the first Office action on the merits;  
 Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.
3.  This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.

*(Check either Item 3a or 3b)*

- 3a.  The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b.  The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:  
 enclosed  
 to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.

*(Item 3b to be checked if any reference known for more than 3 months)*

4.  This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.

The Certification Statement in Item 5 below is applicable.

The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:

- enclosed.  
 to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.

5.  Certification Statement (applicable if Item 3a or Item 4 is checked)

*(Check either Item 5a or 5b)*

- 5a.  In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b.  Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.

- 5c.  Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.
6.  This application is a continuation application under 37 C.F.R. §1.60 or §1.53(b) or (d).
- (Check appropriate Items 6a, 6b and/or 6c)*
- 6a.  A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 6b.  Copies of publications listed on Form PTO-1449 from prior application Serial No. , filed on , of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 6c.  Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. , filed on , and are provided herewith.
7.  This is a Supplemental Information Disclosure Statement. (Check Item 7a)
- 7a.  This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on . A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on
8.  In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:
- (Check Item 8a, 8b, or 8c)*
- 8a.  satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 8b.  set forth in the application.
- 8c.  enclosed as an attachment hereto.
9.  The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Pennie & Edmonds LLP Deposit Account No. 16-1150.
10.  No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,



Date: December 4, 2003

22,411

(Reg. No.)

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<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)					ATTY DOCKET NO. 10471-007-999	APPLICATION NO 10/715,182	
					APPLICANT Langford		
					FILING DATE November 17, 2003	GROUP TBD	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	3,634,729	1/11/72	Hendry			
	A02	3,766,435	10/16/73	Childers			
	A03	3,968,410	7/6/76	Graham			
	A04	3,992,650	11/16/76	Iwasa et al.			
	A05	4,068,149	1/10/78	Wuchinich			
	A06	4,079,211	3/14/78	Janssen			
	A07	4,121,122	10/17/78	Pokrandt			
	A08	4,412,267	10/25/83	Hansen			
	A09	4,580,186	4/1/86	Parker et al.			
	A10	4,860,154	8/22/89	Fazlollahi			
	A11	4,878,034	10/31/89	Gross et al.			
	A12	4,947,278	8/7/90	Nichols, III			
	A13	4,992,904	2/12/91	Spencer et al.			
	A14	5,055,703	10/8/91	Schornack			
	A15	5,424,894	6/13/95	Briscall et al.			
	A16	5,532,898	7/2/96	Price			
	A17	5,576,615	11/19/96	Marshall et al.			
	A18	5,606,482	2/25/97	Witmer			
	A19	5,627,411	5/6/97	Bochenek			
	A20	5,657,195	8/12/97	Rault			
	A21	5,659,894	8/19/97	Bayruns et al.			
	A22	5,825,602	10/20/98	Tosaka et al.			
	A23	5,864,456	1/26/99	Connor			
	A24	5,867,358	2/2/99	Campbell			
	A25	5,883,578	3/16/99	Roberts et al.			
	A26	5,933,311	8/3/99	Chen et al.			
	A27	5,946,179	8/31/99	Fleege et al.			
	A28	5,986,860	11/16/99	Scott			
	A29	5,999,384	12/7/99	Chen et al.			
	A30	6,034,446	3/7/00	Kowalski et al.			
	A31	6,057,997	5/2/00	Mackenzie et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES	NO	
	B01	JP 54-147875	11/19/79	Japan, w/ English abstract			

	B02	DEC 04 2003 U.S. PATENT & TRADEMARK OFFICE						
	B03							
	B04							
	B05							

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

	C01	Quong, Resettable electronic fuse consists of SCR and relay; September 15, 1977, Electronics, Vol. 50, No. 19, P. 117
	C02	
	C03	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	